

OM nucleic - nucleic search, using sw model
Run on: December 3, 2000, 19:00:01 : Search time 328.13 Seconds
Scoring table: IDENTITY.NUC (Without alignments)
Searched: 262060 seqs, 75620727 residues

Total number of hits satisfying chosen parameters: 524120

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents.NA:*

1: /cgn2_6/pctodata/2/1na/5A_COMB.seq:*

2: /cgn2_6/pctodata/2/1na/5B_COMB.seq:*

3: /cgn2_6/pctodata/2/1na/5C_COMB.seq:*

4: /cgn2_6/pctodata/2/1na/5D_COMB.seq:*

5: /cgn2_6/pctodata/2/1na/5E_COMB.seq:*

6: /cgn2_6/pctodata/2/1na/5F_COMB.seq:*

7: /cgn2_6/pctodata/2/1na/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
C 1	174.2	3.3	282	Sequence 8, Appli
C 2	173.6	3.3	17327	Sequence 15, Appli
C 3	169	3.1	5543	Sequence 101, Appli
C 4	165	3.1	2115	Sequence 7, Appli
C 5	164.6	3.1	6769	Sequence 20, Appli
C 6	164.6	3.1	6769	Sequence 20, Appli
C 7	164.6	3.1	6769	Sequence 20, Appli
C 8	164.6	3.1	6769	Sequence 20, Appli
C 9	164.6	3.1	6769	Sequence 20, Appli
C 10	164.6	3.1	6769	Sequence 20, Appli
C 11	164.6	3.1	6769	Sequence 20, Appli
C 12	164.6	3.1	6769	Sequence 20, Appli
C 13	163.6	3.1	4823	Sequence 5, Appli
C 14	163.6	3.1	4823	Sequence 20, Appli
C 15	163.6	3.1	4823	Sequence 5, Appli
C 16	163.6	3.1	4823	Sequence 28, Appli
C 17	163.6	3.1	4823	Sequence 5, Appli
C 18	163.6	3.1	4823	Sequence 5, Appli
C 19	163.6	3.1	3035	Sequence 2, Appli
C 20	162.6	3.1	2002	Sequence 3, Appli
C 21	162.4	3.1	2477	Sequence 1, Appli
C 22	162.2	3.1	7676	Sequence 7, Appli
C 23	162.2	3.1	7676	Sequence 7, Appli
C 24	162.2	3.1	7676	Sequence 7, Appli
C 25	162.2	3.1	7676	Sequence 7, Appli
C 26	161.6	3.1	246240	Sequence 20, Appli

27	161.0	3.1	246240	3	US-08-24-354A-21	Sequence 21, Appl
28	161.0	3.1	246240	3	US-08-24-354A-22	Sequence 22, Appl
29	160.8	3.1	3011	1	US-07-821-156-1	Sequence 1, Appl
30	160.6	3.0	176373	5	US-09-228-155-17	Sequence 17, Appl
31	160.4	3.0	247811	6	PCT-US5-072014-3	Sequence 14, Appl
32	159.8	3.0	1988	3	US-08-257-963B-11	Sequence 11, Appl
33	159.8	3.0	1988	6	PCT-US5-07201-11	Sequence 11, Appl
34	159.6	3.0	11531	1	US-08-068-945A-1	Sequence 1, Appl
35	159.6	3.0	11531	2	US-0-44-805-1	Sequence 1, Appl
36	159.4	3.0	11298	2	US-07-869-933-31	Sequence 31, Appl
37	159.4	3.0	11298	2	US-08-001-879A-2	Sequence 2, Appl
38	158.8	3.0	2861	4	US-08-770-301A-12	Sequence 12, Appl
39	158.8	3.0	2861	5	US-09-075-881-12	Sequence 12, Appl
40	158.4	3.0	4129	3	US-08-970-319C-12	Sequence 12, Appl
41	158.2	3.0	55256	5	US-0-65-136-2	Sequence 2, Appl
42	158.2	3.0	53577	5	US-08-088-336-1	Sequence 1, Appl
43	157.9	3.0	1442	3	US-08-054-557C-12	Sequence 120, Appl
44	157.8	3.0	1442	4	US-08-340-26D-120	Sequence 120, Appl
45	157.8	3.0	1442	4	US-08-340-26D-120	Sequence 120, Appl

QY 1340 tctgcctcccaagttcaagcaattctctgtctcaactcccgcgtagctggactacag 1399
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Db 217 TCCACCTCTGGTTCAAGGATTCCTCGCTCAGGCTCCAGAGTRAGCTGGATTCAG 158
 QY 1400 gcg-----cacggcgcaattttgtatgttagttagaaggaaagggttacacata 1451
 ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Db 157 GCGGCCACACGGCGCTAATTGTTGTTAGTAGAGGGTTCACCATG 98
 QY 1452 ttagccggcggtcttggactctggatccggatccacccacatcagcttcaa 1511
 ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Db 97 TTGGCCAGGCTGCTTGTACCTGAGGTTACCCACCTCGGCCTCCCAA 38
 QY 1512 gtgtctggattacagcatgatgtccacccggcc 1548
 ||||| ||||| ||||| ||||| ||||| |||||
 Db 37 GNGCTGGATTACAGGTGAGCCACCCACGCCAGCC 1

RESULT 2

US-07-906-871-15/C

Sequence 15, Application US/07906871

Patent No. 530739

GENERAL INFORMATION:

APPLICANT: Stevens, Richard L.

APPLICANT: Avraham, Shalom

TITLE OF INVENTION: HEMATOPOIETIC CELL SPECIFIC TRANSCRIPTIONAL REGULATORY ELEMENTS OF SERGLYCAN AND USES

TITLE OF INVENTION: THEREOF

NUMBER OF SEQUENCES: 18

CORRESPONDENCE ADDRESS:

ADDRESSEE: Sterne, Kessler, Goldstein & Fox

STREET: 1225 Connecticut Avenue, N.W., Suite 300

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20036

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/906,871

FILING DATE: 19920103

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/07/816,289

FILING DATE: 03 JAN 1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/07/635,544

FILING DATE: 18 JAN 1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US89/03051

FILING DATE: 13-JUL-1989

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/07/224,035

FILING DATE: 13-JUL-1988

ATTORNEY/AGENT INFORMATION:

NAME: Cimbal, Michele A.

REGISTRATION NUMBER: 33,851

REFERENCE/DOCKET NUMBER: 0627.2830004

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202)833-7533

TELEFAX: (202)833-8716

INFORMATION FOR SEQ ID NO: 15:

SEQUENCE CHARACTERISTICS:

LENGTH: 17327 base pairs

TYPE: NUCLEIC ACID

STRANDEDNESS: both

TORPOLOGY: linear

MOLECULE TYPE: DNA

FEATURE: exon

NAME/KEY: exon

LOCATION: 621..753

FEATURE: intron

NAME/KEY: intron

LOCATION: 754..9596

FEATURE:

NAME/KEY: exon

LOCATION: 9597..9744

FEATURE:

NAME/KEY: intron

LOCATION: 9745..16396

FEATURE:

NAME/KEY: exon

LOCATION: 16397..17327

US-07-906-871-15

Query Match 3.38; Score 173.6; DB 1; Length 17327;

Best Local Similarity 77.38; Pred. No. 8; 9e-3; Mismatches 59; Indels 8; Gaps 1;

Matches 227; Conservative 0;

Query 1321 acctggagtcactgcacacttcgtccgggttcaggatcgacatatttcgtgttcacgtcc 1380
 ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Db 7766 ATCTCGGCTACTGCACTCTGCCTCCAGGTTCAGCGATCIRCTGCTCAGCTCC 7707
 QY 1381 cgcgtggactcaggccgcacgc-----ccggatattttgtatgttaga 1432
 ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Db 7706 CGAGTACCTGGATGACGGGCCAACATCATATCAGTATTGTTAGTA 7647
 QY 1433 gagatgggttaccatattggccgtggctgttgaactctggacttggatcca 1492
 ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Db 7646 GGATGGGTTACCATGTTGCCAGGCTGTGTCGAACCTCTGACCTCAGGTATCCA 7587
 QY 1493 cccacccatcgcccttaaagggtctgggattaccggatggatccatggatggccagg 1552
 ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Db 7586 CCCGCTCAGTCCCAGGCTGGATTAAGGCTGAGCCACACCGGGCAA 7527
 QY 1553 gtccagggtttaaatggaaatactttatgtgtttactaaaccaatgggaaac 1606
 ||||| ||||| ||||| ||||| ||||| |||||
 Db 7526 GAACTTTATGGAAAAGACATGTGGCATGTGAGAAAACCTATACTTAAA 7473

RESULT 3

US-08-687-080-101/C

Sequence 101, Application US/08687080

Patent No. 5965427

GENERAL INFORMATION:

APPLICANT: Gregory Dolganov

TITLE OF INVENTION: Human RAD50 Gene and Methods of Use Thereof

NUMBER OF SEQUENCES: 175

CORRESPONDENCE ADDRESS:

ADDRESSEE: Dehlinger & Associates

STREET: 350 Cambridge Avenue, Suite 250

CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94306

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/687,080

FILING DATE: 17-JUL-1996

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/592,126

FILING DATE: 26-JAN-1996

ATTORNEY/AGENT INFORMATION:

NAME: Sholtz, Charles K.

REGISTRATION NUMBER: 38,615

REFERENCE/DOCKET NUMBER: 4600-0111..30

TELECOMMUNICATION INFORMATION:

APPLICATION NUMBER: US/08/480,784
 FILING DATE: 02-SEP-1994
 CLASSIFICATION: 435
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/409,305
 FILING DATE: 24-MAR-1995
 APPLICATION NUMBER: US 08/348,824
 FILING DATE: 29-NOV-1994
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/308,104
 FILING DATE: 16-SEP-1994
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/300,266
 FILING DATE: 02-SEP-1994
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/289,221
 FILING DATE: 12-AUG-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Ihnen, Jeffrey L.
 REGISTRATION NUMBER: 28,957
 REFERENCE/DOCKET NUMBER: 24884-109347
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-962-4810
 TELEFAX: 202-962-8300
 INFORMATION FOR SEQ ID NO: 20:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 6769 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: Homo sapiens
 US-08-480-784-20

Query Match 3.1%; Score 164.6; DB 2; Length 6769;
 Best Local Similarity 84.4%; Pred. No. 8.3e-30; Mismatches 29; Indels 8; Gaps 1;
 Matches 200; Conservative 0; Mismatches 29; Indels 8; Gaps 1;
 Qy 1321 acgtgagtcactgcaacctctggcccaaggtaaggcaattctctgtctcaggctcc 1380
 Db 5509 ATCTCACCTCTCGCAACGTCAGCTCCAGGTGAGCCATACCTCTGCGCTCAGCCCT 5568
 Qy 1381 cggtagtggactacaggcg -----cagcccgcttattttgtatgttagta 1432
 Db 5569 CTAGTAGCTGGGACTACAGGCCGCCACACCCGGCTAATTGTGTTAGTA 5628
 Qy 1433 gagatgggtttcacatattggcccgctgtcttgaactctgtacccatgtatcc 1492
 Db 5629 GAGATGGGTTCACATGTGGCCAGGTGGCTTGACTCTGACCTCAGTGGTCCA 5688
 Qy 1493 cccacccaggctccaaatgtggattacaggatggatggcccgccggcc 1549
 Db 5689 CCCGCCTCAGCCCTCCAAAGTGTGAATTACAGGCTGAGCCACCGGGCCAGCAA 5745

RESULT 6
 US-08-483-553-20
 Sequence 20, Application US/08483553
 Patent No. 5709599
 GENERAL INFORMATION:
 APPLICANT: Skolnick, Mark H.
 APPLICANT: Goldfarb, David E.
 APPLICANT: Miki, Yoshio
 APPLICANT: Swenson, Jeff
 APPLICANT: Kamb, Alexander
 APPLICANT: Harshman, Keith D.
 APPLICANT: Shattuck-Eidens, Donna M.
 APPLICANT: Tavtigian, Sean V.

Query Match 3.1%; Score 164.6; DB 2; Length 6769;
 Best Local Similarity 84.4%; Pred. No. 8.3e-30; Mismatches 29; Indels 8; Gaps 1;
 Matches 200; Conservative 0; Mismatches 29; Indels 8; Gaps 1;
 Qy 1321 acgtgagtcactgcaacctctggcccaaggtaaggcaattctctgtctcaggctcc 1380
 Db 5509 ATCTCACCTCTCGCAACGTCAGCTCCAGGTGAGCCATACCTCTGCGCTCAGCCCT 5568
 Qy 1381 cggtagtggactacaggcg -----cagcccgcttattttgtatgttagta 1432
 Db 5569 CTAGTAGCTGGGACTACAGGCCGCCACACCCGGCTAATTGTGTTAGTA 5628
 Qy 1433 gagatgggtttcacatattggcccgctgtcttgaactctgtacccatgtatcc 1492
 Db 5629 GAGATGGGTTCACATGTGGCCAGGTGGCTTGACTCTGACCTCAGTGGTCCA 5688

APPLICANT: Wiseman, Roger W.
 APPLICANT: Futrell, P. Andrew
 TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer Susceptibility Gene
 NUMBER OF SEQUENCES: 85
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
 STREET: 1201 New York Avenue, N.W., Suite 1000
 CITY: Washington
 STATE: DC
 COUNTRY: USA
 ZIP: 20005

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/483,553
 FILING DATE: 24-MAR-1995
 CLASSIFICATION: 435
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/409,305
 FILING DATE: 24-SEP-1994
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/348,824
 FILING DATE: 29-NOV-1994
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/308,104
 FILING DATE: 16-SEP-1994
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/300,266
 FILING DATE: 02-SEP-1994
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/289,221
 FILING DATE: 12-AUG-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Ihnen, Jeffrey L.
 REGISTRATION NUMBER: 28,957
 REFERENCE/DOCKET NUMBER: 24884-109347
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-962-4810
 TELEFAX: 202-962-8300
 INFORMATION FOR SEQ ID NO: 20:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 6769 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: Homo sapiens
 US-08-483-553-20

Query Match 3.1%; Score 164.6; DB 2; Length 6769;
 Best Local Similarity 84.4%; Pred. No. 8.3e-30; Mismatches 29; Indels 8; Gaps 1;
 Matches 200; Conservative 0; Mismatches 29; Indels 8; Gaps 1;
 Qy 1321 acgtgagtcactgcaacctctggcccaaggtaaggcaattctctgtctcaggctcc 1380
 Db 5509 ATCTCACCTCTCGCAACGTCAGCTCCAGGTGAGCCATACCTCTGCGCTCAGCCCT 5568
 Qy 1381 cggtagtggactacaggcg -----cagcccgcttattttgtatgttagta 1432
 Db 5569 CTAGTAGCTGGGACTACAGGCCGCCACACCCGGCTAATTGTGTTAGTA 5628
 Qy 1433 gagatgggtttcacatattggcccgctgtcttgaactctgtacccatgtatcc 1492
 Db 5629 GAGATGGGTTCACATGTGGCCAGGTGGCTTGACTCTGACCTCAGTGGTCCA 5688

RESULT 7
US-08-487-002-20
Sequence 20, Application US/08487002
GENERAL INFORMATION:
Patent No. 5710001
APPLICANT: Shattuck-Eidens, Donna M.
APPLICANT: Simard, Jacques
APPLICANT: Emi, Mitsuru
APPLICANT: Nakamura, Yusuke
APPLICANT: Durocher, Francine
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer
TITLE OF INVENTION: Susceptibility Gene
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, N.W., Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487, 002
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/409, 305
FILING DATE: 24-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348, 824
FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/308, 104
FILING DATE: 16-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300, 266
FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/289, 221
FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28, 957
REFERENCE/DOCKET NUMBER: 24884-109347
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 6769 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens

Query Match Score 164.6; DB 2; Length 6769
Best Local Similarity 84.4%; Pred. NO. 813e-30;

Page 6

TELEFAX: 202-562-8300
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 6769 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
-08-483-554B-20

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/308,104
FILING DATE: 16-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300,266
FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/289,221
FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: *John Doe, Esq.*

REGISTRATION NUMBER: 28-957
REFERENCE/DOCKET NUMBER: 24884-109347-09
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 6769 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-488-011B-20

T 9
T-488-011B-20
Sequence: 20, Application US/0848801B
ent No. 55341
GENERAL INFORMATION:
APPLICANT: Skonick, Mark H.
APPLICANT: Goldgar, David E.
APPLICANT: Miki, Yoshiro
APPLICANT: Swenson, Jeff
APPLICANT: Kamb, Alexander
APPLICANT: Harshman, Keith D.
APPLICANT: Shattuck-Eldens, Donna M.
APPLICANT: Tavelian, Sean V.
APPLICANT: Wiseman, Roger W.
APPLICANT: Futrell, P. Andrew
TITLE OF INVENTION: 17q-Linked Breast
TITLE OF INVENTION: Susceptibility
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard
STREET: 1201 New York Avenue, N.W.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,011B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/409,305
FILING DATE: 24-MAR-1995

ZIP: 20005
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US95/10202
 FILING DATE:
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US
 FILING DATE: 07-JUN-1995
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/409, 305
 FILING DATE: 24-MAR-1995
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/348, 824
 FILING DATE: 29-NOV-1994
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08-308, 104
 FILING DATE: 16-SEP-1994
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/300, 266
 FILING DATE: 07-SEP-1994
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/289, 221
 FILING DATE: 12-AUG-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Ihnen, Jeffrey L.
 REGISTRATION NUMBER: 28, 957
 REFERENCE/DOCKET NUMBER: 24884-109347
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-962-4810
 TELEFAX: 202-962-8300
 INFORMATION FOR SEQ ID NO: 20:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 6769 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: Homo sapiens
 PCT-US95-10202-20

Query Match 3.1%; Score 164.6; DB 6; Length 6769;
 Best Local Similarity 84.4%; Pred. No. 8.3e-30;
 Matches 200; Conservative 0; Mismatches 29; Indels 8; Gaps 1;
 Qy 1321 accggaggccactccaaacctctggcccccaggatccaaattcccttgtctcaaggctcc 1380
 Db 5509 ATCCACCTCTCCGCAACGCTGCTGCCATCCAGGTTAACCTACCTCTCGCTCAGCTCT 5568
 Qy 1381 cgcatacggtggactacatagg-----cgcgcggataattttatgtatgtata 1432
 Db 5569 CTAGTAGCTGGACTACAGCGCCGCCACCAACCCGCTAATTGTTGATTTAGTA 5528
 Qy 1433 gagatgggttccacatattagccggctgtactcgacttcaggatgtatca 1492
 Db 5629 GAGTGGGTTCACATGTTGGCCAGGGTCTGAATCATCACCTCAAGGGTCA 5688
 Qy 1493 ccccttcggctccatgtcggtatcacgcatagtcccgccggccggcc 1549
 Db 5689 CCCGCTCAGCCTCCAAGTGTGGAATTACAGSCTTGAAGCCACGGTGGCCAGCAA 5745

GENERAL INFORMATION:
 APPLICANT: Skolnick, Mark H.
 APPLICANT: Goldgar, David E.
 APPLICANT: Mikl, Yoshiro
 APPLICANT: Swenson, Jeff
 APPLICANT: Kamb, Alexander
 APPLICANT: Harshman, Keith D.
 APPLICANT: Shattuck-Eidens, Donna M.
 APPLICANT: Tavtigian, Sean V.
 APPLICANT: Wiseman, Roger W.
 APPLICANT: Futreal, P. Andrew
 TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer
 TITLE OF INVENTION: Susceptibility Gene
 NUMBER OF SEQUENCES: 85
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Venable, Baetjer, Howard & Civilatti, LLP
 STREET: 1201 New York Avenue, N.W., Suite 1000
 CITY: Washington
 STATE: DC
 COUNTRY: USA
 ZIP: 20005
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US95/10203
 FILING DATE:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/348, 824
 FILING DATE: 07-JUN-1995
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/409, 305
 FILING DATE: 24-MAR-1995
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08-308, 104
 FILING DATE: 16-SEP-1994
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/300, 266
 FILING DATE: 07-SEP-1994
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/289, 221
 FILING DATE: 12-AUG-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Ihnen, Jeffrey L.
 REGISTRATION NUMBER: 28, 957
 REFERENCE/DOCKET NUMBER: 24884-109347
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-962-4810
 TELEFAX: 202-962-8300
 INFORMATION FOR SEQ ID NO: 20:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 6769 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: Homo sapiens
 PCT-US95-10203-20

Query Match 3.1%; Score 164.6; DB 6; Length 6769;
 Best Local Similarity 84.4%; Pred. No. 8.3e-30;
 Matches 200; Conservative 0; Mismatches 29; Indels 8; Gaps 1;
 PCT-US95-10203-20
 Sequence 20, Application PC/TUS9510203

TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-442-6673
TELEFAX: 206-442-6678
SEQUENCE FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 4823 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: Join(632..644, 876..1003, 1290..1376, 3309..3476,
LOCATION: 3713..4375)
US-08-999-927-5

```

Query Match 3.1%; Score 163.6; DB 5; Length 4823;
Best Local Similarity 81.3%; Pred. No. 1.2e-29;
Matches 205; Conservative 0; Mismatches 39; Indels 8; Gaps 1;

```

Search completed: December 3, 2000, 19:02:31
Job time: 41877 sec